Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: UZZBT500

Project No.	**:**	1301C323
Equipment	**:**	BT500 Bluetooth Speaker
Model	**:**	BNA-G0001
Applicant	**:**	Beautiful Enterprise Co., Ltd.
Address	**:**	26th Floor, Beautiful Group Tower, 77 Connaught Road Central, Hong Kong
According:	**:**	**FCC Guidelines for Human Exposure IEEE C95.1**

Neutron Engineering Inc.

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MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:
S = power density
P = power input to the antenna
G = power gain of the antenna in the direction of interest relative to an isotropic radiator
R = distance to the center of radiation of the antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Printed Antenna	N/A	-1.72

TEST RESULTS

EUT：	BT500 Bluetooth Speaker	Model Name ：	BNA-G0001
Temperature：	24 ℃	Relative Humidity：	60 %
Pressure：	1016 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	CH00/ CH39 /CH78 -1Mbps		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
-1.72	0.6730	3.56	2.2699	0.000304	1	Complies
-1.72	0.6730	2.75	1.8836	0.000252	1	Complies
-1.72	0.6730	2.19	1.6558	0.000222	1	Complies

EUT：	BT500 Bluetooth Speaker	Model Name ：	BNA-G0001
Temperature：	24 ℃	Relative Humidity：	60 %
Pressure：	1016 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	CH00/ CH39 /CH78 -3Mbps		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm2)	Limit of Power Density (S) (mW/cm2)	Test Result
-1.72	0.6730	2.79	1.9011	0.000255	1	Complies
-1.72	0.6730	1.88	1.5417	0.000207	1	Complies
-1.72	0.6730	1.18	1.3122	0.000176	1	Complies